

# Welcome to the Bootcamps!

CCDC/CPTC Informational Meeting

CCDC Sign-in

<https://jessh.zip/ccdcweek1>



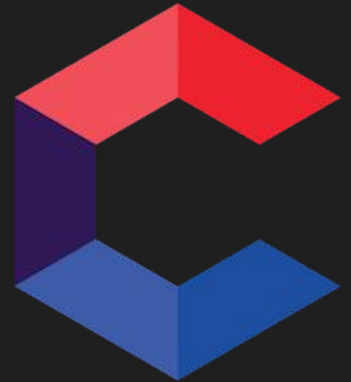
CPTC Sign-in

<https://jessh.zip/dqiSA4>

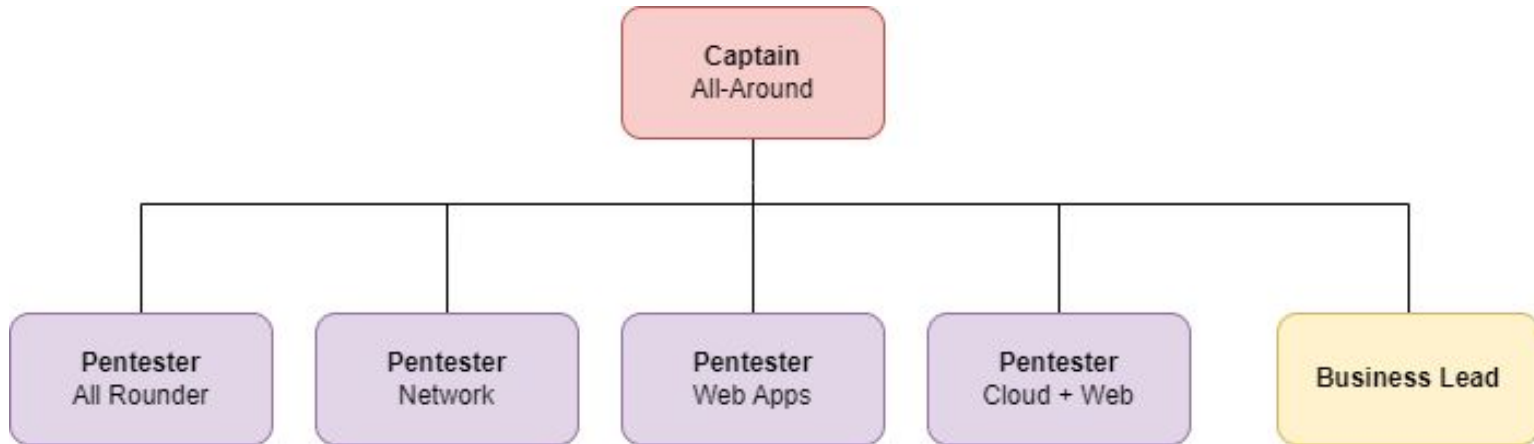


# What is CPTC?

- Collegiate Penetration Testing Competition
  - International competition
  - World champions x2
- Focuses on penetration testing, IT infrastructure, social engineering, and scripting/reverse engineering
- **OFFENSE**
- Simulates pentest engagements
- Providing business value
- 6 main roster, 2 alternate



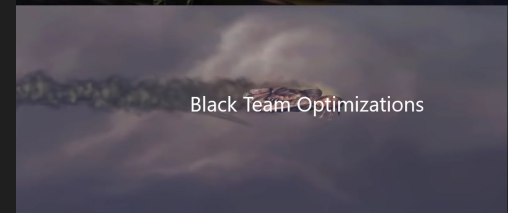
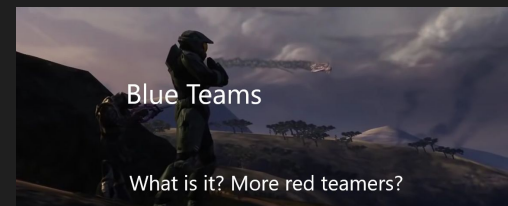
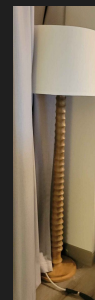
# Team Structure



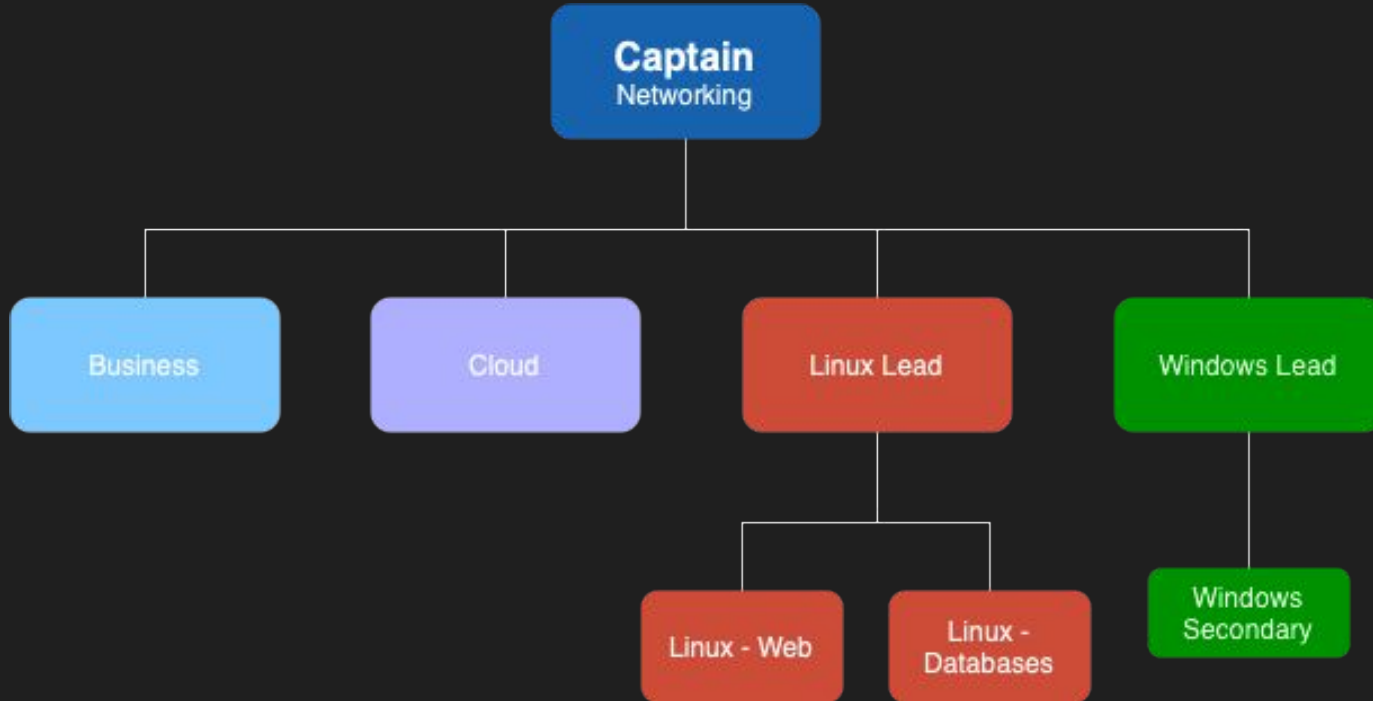


# What is CCDC?

- Collegiate Cyber Defense Competition
  - National competition
  - 2x National Runner-up
- Focuses on system administration, incident response, computer networking, and cloud engineering
- **DEFENSE**
- Simulates IT/incident response teams
- Build, secure, and defend various business infra
- 8 main roster, 4 alternate



# Team Structure



# THINGS YOU'LL LEARN

- Services
  - a. Active Directory
  - b. DNS
  - c. HTTP
  - d. SQL
  - e. Cloud
  - f. SSH
  - g. Email
  - h. SMB
  - i. And more...
- Tools
  - Group Policy
  - Nmap
  - Splunk
  - Sysinternals
  - VPN
  - Firewalls
  - Nessus
  - And more...
- Procedures
  - User management
  - Incident Response
  - Patching / Hardening
  - Creating and restoring backups
  - Inventory
  - And more...
- OS's
  - CentOS, Ubuntu, Alpine Linux, Debian, Slack
  - Windows Server, Windows Workstation

CCDC

# Meet the Teams!

CPTC



# CCDC



Dylan  
Michalak



Marshall  
Ung

# CPTC



Marshall  
Ung



Tanay  
Shah



Maxwell  
Caron

# Agenda

## 1 Objectives

Key goals for the bootcamp

## 2 Timeline

Content and schedule

## 3 Tryout Info

Requirements and other details

## 4 Alumni

Testimonials and prior experience



1

# Bootcamp Objectives

Our goals for you

# Cyber Bootcamp Objectives



## Learn to Learn

Gain confidence in your ability to learn rapidly, and independently



## Build Team Skills

Build relationships and showcase interpersonal skills



## Prepare for the Future

Set a solid foundation and discover opportunities in cybersecurity



# 2

## Bootcamp Timeline

Time commitments

# Weekly Schedule

Date	CPTC (10AM-12PM)	CCDC (1PM-4PM)
<del>Jul 13</del>	<del>Cyber Bootcamp Kickoff!</del>	
Jul 20	Intro to Pen Testing	Business Week
Jul 27	Hacking Web Apps	Introduction to Networking
Aug 3	Hacking Linux	Securing Linux
Aug 10	Hacking Windows	Securing Windows
Aug 17	Consulting	Common Services
Aug 24-25	CPTC Tryouts (All day)	
Aug 31-Sep 1		CCDC Tryouts (1-5PM)

# CPTC/CCDC Team Schedule

- Meet at least once a week (usually Saturdays) for practice
- Ad-hoc working/research meetings
- Competition weekends

Month	CCDC	CPTC
November	Invitationals #1*	Regionals
December	Invitationals #2*	None
January	None	Globals
February	Regional Qualifier	Season over
March	Regional Finals	Season over
April	National Finals	Season over





# 3

## Tryout Details

How to get on the teams

# August 24–25

CPTC Tryout Date

---

# August 31–September 1

CCDC Tryout Date

---

# Selection Requirements

## CCDC Team

- **Full-time** CPP Student
- Attend **Fall 2024** & **Spring 2025**
- **Good** academic standing (2.0 GPA)
- Stand out during the bootcamp

## CPTC Team

- **Full-time** CPP Student
- Attend **Fall 2024**
- **Good** academic standing (2.0 GPA)
- Stand out during the bootcamp

# CCDC Rubric

Homework	40%
Attendance	10%
Tryouts	50%

# ***CPTC* Rubric**

Homework	25%
Attendance	10%
Teamwork	10%
Tryouts	55%

# Bootcamp Tips

- Be involved
- Take notes and research out of class
- Stay organized
- Google things and ask questions
- Work well in a team

***And the most important thing:***

- Bring a growth mindset





# 4

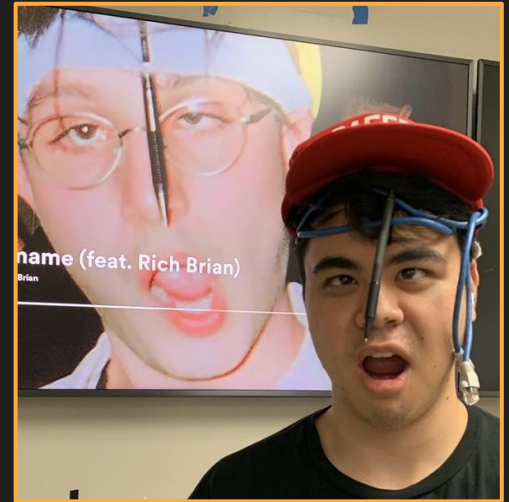
# Former Participants

Standing on the shoulder of giants

# Evan Deters

Led the 2023-2024 CCDC team as captain to place 2nd at the National Finals, and now works as a Information Systems Security Engineer at Boeing.

Member of CCDC from 2021-2024





# Jessica Leung

Business lead for CCDC from 2022-2024, helping the team place 2nd at National Finals both years. Currently a Security Analyst at SpaceX.

Member of CCDC from 2021-2024



# Derrick Tran

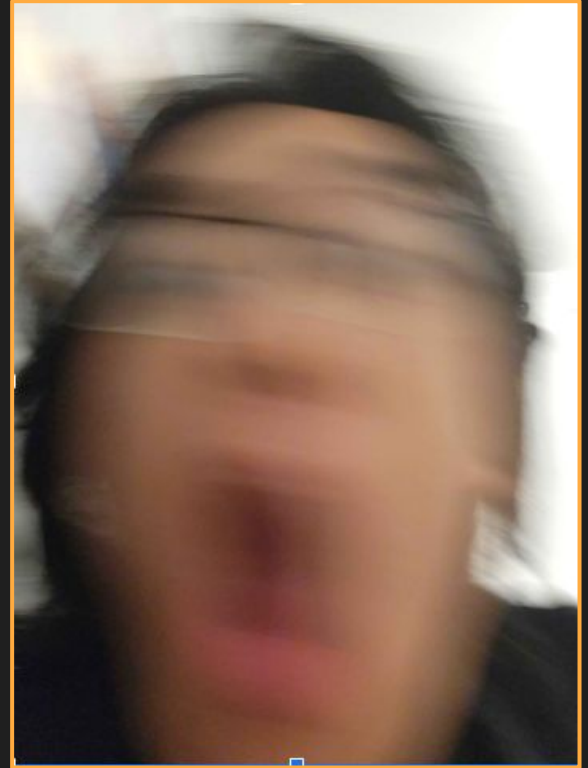
Helped the team reach the global finals from 2022-2024 CPTC season.

Webmaster for CCDC during the 2023-2024 season, helping the team place 2nd Nationally.

Member of CPTC from 2022-2024  
Member of CCDC from 2023-2024



**Dylan Tran**



**GOOD ARGUMENT**

**UNFORTUNATELY 134.71.135.0**



# Q&A

Any questions for the teams?

(This week's Homework is the same)

Homework

---

<https://jessh.zip/bootcamps24week1>